

# Installation Instructions

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## SAFETY CONSIDERATIONS

Installing, starting up, and servicing air-conditioning equipment can be hazardous due to system pressures, electrical components, and equipment location (roofs, elevated structures, etc.).

Only trained, qualified installers and service mechanics should install, start up, and service this equipment (Fig. 1).

Untrained personnel can perform basic maintenance functions such as cleaning coils. All other operations should be performed by trained service personnel.

When working on the equipment, observe precautions in the literature and on tags, stickers, and labels attached to the equipment.

- Follow all safety codes.
- Wear safety glasses and work gloves.
- Keep quenching cloth and fire extinguisher nearby when brazing.
- Use care in handling, rigging, and setting bulky equipment.



Fig. 1 — Typical 30RAP Unit (018-030 Shown)

### ! WARNING

Electrical shock can cause personal injury and death. Shut off all power to this equipment during installation. There may be more than one disconnect switch. Tag all disconnect locations to alert others not to restore power until work is completed.

# Carrier Chiller Maintenance Manual

**Donald Wulffinghoff**

## **Carrier Chiller Maintenance Manual:**

*Parts & Service Manual for Cincinnati Milacron 15HC & 20HC CIM-Xchanger NC Machining Center ,1984*    **Thomas Regional Industrial Buying Guide ,2003**    *Facilities Manager ,1988*    **Carrier Air Conditioning Co** Carrier Corporation. Machinery and Systems Division. Carrier Air Conditioning Co,1960    Solar Energy Update ,1979    **Solar Engineering** American Society of Mechanical Engineers. Solar Energy Division. Conference,1993    Power ,1974

**ASHRAE Journal ,1992**    **Risk Management and Error Reduction in Aviation Maintenance** Manoj S.

Patankar,James Chapman Taylor,2004 Although several U S and European airlines have started providing human factors training to their maintenance personnel the academic community some 300 academic programs in the United States and several others in Europe and Asia has not yet started offering formal human factors education to maintenance students The highly respected authors strongly believe in incorporating the human factors principles in aviation maintenance This is the first of two volumes providing effective behavioural guidance on risk management in aviation maintenance for both the novice and the experienced maintenance personnel Its practical guidelines assist both student and practising aviation maintenance personnel to develop sustainable safety culture For the maintenance community it provides some theoretical discussion about the Why for risk management and then focus on the How to implement a successful error reduction program To help the maintenance community in making a strong case to their financial managers the authors also discuss the return on investment for risk management programs The issue of risk management is taken at two levels First it provides a basic awareness information to those who have little or no knowledge of maintenance human factors Second it provides a set of practical tools for the more experienced people so that they can be more effective in risk management and error recovery in their jobs This invaluable book serves as a practical guide as well as an academic textbook The book covers fundamental human factors principles from a risk management perspective Upon reading this informative book the audience will be able to apply the basic principles of risk management to aviation maintenance environment and they will be able to use low risk behaviours in their daily work    **Specifying Engineer ,1985**    Integration of Efficient Design Technologies F. William Payne,1988    Monthly Catalogue, United States Public Documents ,1990    Energy Research Abstracts ,1979

*Monthly Catalog of United States Government Publications ,1990*    **Refrigeration Service and Contracting ,1971**

**The Yearbook ,1992**    **New York State Contract Reporter ,1996-06-24**    *Building Systems Design ,1963*

**Energy Efficiency Manual** Donald Wulffinghoff,1999 Energy Efficiency Manual by Donald Wulffinghoff is the new comprehensive reference book for energy conservation in commercial buildings residential buildings industrial plants It combines the features of encyclopedia textbook practical field manual This handbook details 400 actions for conserving energy in design construction retrofit operation maintenance They cover heating cooling efficiency water conservation insulation air leakage lighting daylighting solar heating industrial equipment The second part explains renewable energy

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